

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
BP Whiting Crude Release - Removal Polrep
Final Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

POLREP #6
Final EPA Polrep
BP Whiting Crude Release
Whiting, IN
Latitude: 41.6763040 Longitude: -87.4757741

To: Jeremy Thomas, USCG

From: Mike Beslow, OSC
Steve Faryan, OSC

Date: 4/10/2014

Reporting Period: 3/30/2014 to 4/09/2014

1. Introduction

1.1 Background

Site Number:	z5nb	Contract Number:	
D.O. Number:		Action Memo Date:	
Responsible:	OPA	Responsible:	Emer

nse		nse	gency
Autho		Type:	
rity:			
Respo	PRP	Incide	Remo
nse		nt	val
Lead:		Categ	Actio
		ory:	n
NPL	Non	Opera	
Status	NPL	ble	
:		Unit:	
Mobil	3/24/2	Start	3/24/2
izatio	014	Date:	014
n			
Date:			
Demo	4/9/20	Comp	4/9/20
b	14	letion	14
Date:		Date:	
CER		RCRI	
CLIS		S ID:	
ID:			
ERNS		State	
No.:		Notifi	
		cation	
		:	
FPN#:	E1451	Reim	
	2	bursa	
		ble	
		Accou	
		nt #:	

1.1.1 Incident Category

Response to Oil Release at the BP
Whiting Refinery

1.1.2 Site Description

The BP Whiting Refinery is located along the shore of Lake Michigan in Whiting, Indiana. Crude oil was released from a NPDES permitted outfall to Lake Michigan from the BP Whiting Refinery waste water treatment plant (WWTP). The source of the crude oil has been determined to have originated from the #12 pipestill cooling system which is

located on the facility, south of the rail tracks that separate the refinery from the WWTP.

1.1.2.1 Location

BP Whiting Refinery
2815 Indianapolis Blvd
Whiting, IN 46394

1.1.2.2 Description of Threat

Crude oil discharge to Lake Michigan from the BP Whiting Refinery in Whiting, Indiana. Standing oil sheen in the #6 separator, as the separator continually discharges water directly to lake michigan.

1.1.3 Preliminary Removal

Assessment/Removal Site Inspection Result

BP reported the release of crude oil to US EPA via the National Response Center at approximately 1700 hours on March 24, 2014.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On April 9, 2014 EPA formally honored USCG's request for control of FPN for this site.

Prior to April 9, activities were as follows: US EPA along with USCG monitored and conducted oversight of BP remediation activities and changing shoreline conditions. BP continued to monitor and remove oil and sheen from the #6 oil-water separator in addition to conducting shoreline cleanup activities. Multi agency (EPA and USCG) along with BP consultants comprised the shoreline cleanup and assessment technique (SCAT) teams and conducted a submerged oil survey to evaluate the presence or absence of submerged oil adjacent to outfall #2

and the remaining survey area. EPA and SCAT teams continued to monitor effectiveness of cleanup activities and conducted reconnaissance surveys to evaluate present site conditions and make recommendations, cleanup guidelines, and endpoint goals.

2.1.2 Response Actions to Date

The following activities occurred during this reporting period:

- BP contractors continued to maintain hard and soft boom positioned immediately adjacent to BP outfall #002 and due to inclement weather, water conditions and recommendations by EPA, USCG and BP consultant, teams have multiple sections of absorbent and boom #1 that crossed entire cove parallel to beach front;
- Shoreline cleanup personnel continued to survey beachfront and shorelines. When identified they have conducted manual collection of any remaining tar patties, tar balls, oil impacted debris, oil-impacted sand and oil stained or oil coated small rocks (when accessible and based on tidal and weather conditions) as recommended by EPA, USCG and BP consultant SCAT team;
- Vacuum trucks are staged at the impacted #6 oil water separator and conduct oil and sheen removal activities;
- SCAT team completed survey assessment along segments 'D', 'E' and 'F' on March 30, 2014;
- EPA completed a submerged oil survey with BP consultants and representatives on March 30, 2014. A total of 35 survey points were evaluated for the absence or

presence of oil and/or sheen. Results of the survey concluded that no oil or sheen was identified;

- EPA and USCG conducted sampling activities of tar patties within segment 'F' (eastern impacted shoreline);
- EPA and START conducted sampling activities of Outfall 002 and impacted boom (currently staged on site) on March 31, 2014.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

BP has been issued a Federal Notice of Interest.

2.1.4 Progress Metrics

*W
as
te
St
re
a
m*

2.2 Planning Section

2.2.1 Anticipated Activities

BP incident management team continues to reduce personnel as current site conditions have stabilized and focus shifts from immediate response to cleanup on impacted #6 oil-water separator. BP crews will continue daily monitoring and cleanup activities along beach front and adjacent shorelines (weather and tidal conditions appropriate).

2.2.1.1 Planned Response Activities

BP crews will continue to skim the oil and

sheen from the #6 oil water separator, and will continue to make regular reconnaissance walks of the shore.

2.2.1.2 Next Steps

USCG will oversee all nexts steps, and EPA will participate as requested

2.2.2 Issues

Boom deployed around #002 outfall will be continued to be monitored on a daily basis until #6 oil-water separator has been inspected by EPA or USCG and they have confirmed absence of oil and sheen.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

FPN E14512 Whiting Refinery has been opened with the USCG NPFC for \$25,000. The ceiling was increased on March 26, 2014 to \$50,000.

START TDD was increased to \$30,000 on 3/26/2014.

Estimated Cost	Bdd gete d	Tot al To Dat e	Re mai ning	% Re mai ning
Extramural Costs				
TAT/START	\$30,000.00	\$23,300.00	\$6,700.00	22.33%
Intramural Costs				
USEPA - Direct	\$16,963.00	\$0.00	\$16,963.00	100.00%
USEPA - InDirect	\$3,037.00	\$0.00	\$3,037.00	100.00%

Total Site	\$50,	\$23,	\$26,	53.4
Costs	000.	300.	700.	0%
	00	00	00	

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

Safety is being staffed by BP Whiting Refinery

2.5.2 Liaison Officer

Liason is being staffed by BP Whiting Refinery

2.5.3 Information Officer

Francisco Arcaute was on site 3-29-14, 3-30-14, and 3-31-14 reporting to the USEPA Regional Office and is working with representatives from the USCG and BP.

3. Participating Entities

3.1 Unified Command

USEPA, USCG, and BP

3.2 Cooperating Agencies

IDEM, City of Whiting, City of Hammond, City of East Chicago,

4. Personnel On Site

US EPA representatives

USCG representatives
Weston START contractor
BP personell and contractors

5. Definition of Terms

OTCW: Once Through Cooling Water

6. Additional sources of information

6.1 Internet location of additional information/report

[http://www.epa.gov/region6/news/vents/li
p-whiting-spill/index.html](http://www.epa.gov/region6/news/vents/li
p-whiting-spill/index.html)

6.2 Reporting Schedule

Remaining POLREPS will be issued by
USCG.

7. Situational Reference Materials

This is an _____ Miles of river systems cleaned
Integrated River _____ Cubic yards of contaminated sediments removed and/or capped
Assessment. _____ Gallons of oil/water recovered
The numbers _____ Acres of soil/sediment cleaned up in floodplains and riverbanks
Should Avoided. _____ Acres Protected
Assessment _____ Number of contaminated residential yards cleaned up
_____ Human Health Exposures Avoided
_____ Number of workers on site
Contaminant(s) of Concern _____
Contaminant(s)
of Concern _____